

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application.

**COMPLETE LISTING OF THE CLAIMS:**

Claim 1 : (Currently Amended) A thermal conditioning system for a manufacturing machine having a movable element, comprising: a casing for receiving therein a framework of the machine, the casing being sealed with respect to the outside environment, the casing having an opening through which the movable element projects; a sealing bellows element at the opening and engaging the movable element extending through the opening in a sealed manner; a plurality of ducts having air flow outlet openings at selected regions of the machine to be thermally conditioned; a conditioning device for supplying conditioned air; and a manifold coupled to the ducts, and operative for delivering the conditioned air supplied by the conditioning device to the ducts for discharge through the outlet openings.

Claim 2 : (Original) The conditioning system of claim 1, in that the casing is made of a thermally insulating material.

Claim 3 : (Canceled)

Claim 4 : (Original) The conditioning system of claim 1, in that the outlet openings comprise adjustable valves to adjust an amount of the conditioned air exiting the outlet openings.

Claim 5 : (Original) The conditioning system of claim 1, in that removable panels form the casing.

Claim 6 : (Currently Amended) The conditioning system of ~~claim~~  
3 claim 1, in that the movable element projecting from the casing comprises inner top and bottom  
channels through which a conditioning fluid is caused to pass.

Claim 7 : (Original) The conditioning system of claim 1, in that the  
casing comprises therein thermal sensors for detecting local temperatures inside the casing, in that  
the sensors are coupled to a digital control unit for the machine, and in that the outlet openings  
through the ducts comprise solenoid valves which are controlled to respectively open and close by  
signals from the digital control unit of the machine.

Claim 8 : (Currently Amended) The conditioning system of ~~claim~~  
3 claim 1, in that the machine is a machine tool, and in that the movable element is a ram.